



WASHGUARD® MOTORS

WHITE EPOXY • SINGLE & THREE PHASE



OHIO GEAR™

NEMA FRAME • WASHGUARD®

LEESON WASHGUARD® motors are designed for extended life in applications requiring regular washdown as in food processing, or otherwise wet, high humidity environments. WASHGUARD® motors retard the entrance of water during cleaning operations and release any water that does enter the motor. Extra protection for the motor's interior prevents rust and corrosion build-up and drains release trapped moisture to insure a longer life than possible with a standard motor.



Mechanical Protection Features:

High quality, corrosion resistant 303 stainless steel shaft plus lubricated spring-loaded contact seals and patented, "V" ring Forsheda seal deflect water, protect bearings and the motor's interior. Double sealed, oversized bearings with high temperature moisture resistant lubricant are used.



Frame, base, endshields, armature and interior components protected by enamel and polyester compounds of outstanding adhesion and resistance to moisture, acids, alkalis and oil.

Cast conduit box with threaded entrance, drain holes and tough, high temperature Nitrile gaskets keep water out and resist deflection under high pressure washdowns. Conduit box cover and fan cover, when used, are type 304 stainless steel.

Four drains in each endshield at 3,6,9, and 12 o'clock purge water, and can be repositioned for maximum effectiveness regardless of the motor's mounting. Machined fits are sealed, and nylon gaskets are used to seal bolt heads. Stainless steel data plate.



Chemically inert static free fan is positively positioned on the shaft by opposing flats, shoulder and snap ring arrangement and protected by heavy gauge, stainless steel fan guards. Finished in USDA

approved tough white epoxy for superior corrosion resistance and protection against harsh caustic cleaning solutions.



PROTECTED WITH RUST-OLEUM® COATINGS

WASHGUARD® • IEC FRAME • TENV IP55 B5 FLANGE WITH REMOVABLE B3 BASE ▲ SCR RATED 180 VOLTS

Rated HP	Output kW	Full Load RPM	IEC Frame	Catalog Number	App. Wgt. (lbs.)	Arm. Volts DC	F.L. Amps DC	"C" Dim. (Inches)
1/2	.37	1750	71	098040	22	180	2.5	10.69
3/4	.55	1750	80	108407	52	180	3.5	16.02

† Class F insulated.

● These motors are totally enclosed, non ventilated – others are fan cooled.

▲ If base is removed, do not reinstall bolts without using washers to compensate for thickness of base.

WASHGUARD® • NEMA C FACE • REMOVABLE BASE TENV & TEFC • SCR RATED 90 & 180 VOLTS

HP	Full Load RPM	NEMA Frame	Catalog Number	App. Wgt. (lbs.)	Arm. Volts DC	Control Volts AC Input	F.L. Amps DC	"C" Dim. (Inches)
1/4	1750	S56C	108423●	23	90	115	2.7	10.69
1/3	1750	S56C	108424●	26	90	115	3.5	11.69
1/2	1750	S56C	108226●	38	90	115	4.9	13.69
	1750	S56C	108227●	43	180	230	2.4	13.69
3/4	1750	S56C	108228●	53	90	115	7.0	15.69
	1750	S56C	108229●	50	180	230	3.5	15.69
1	1750	S56C	108230	45	90	115	10.0	15.81
	1750	S56C	108231	42	180	230	5.0	14.81
1½	1750	S56C	108232	50	180	230	7.6	16.81

SINGLE PHASE • TEFC • C FACE LESS BASE

Featuring Electronic Solid State Encapsulated Switch

HP	RPM 60 Hz	NEMA Frame	Catalog Number	App. Wgt. (lbs.)	Voltage	Over-load Prot.	F.L. Amps 230V	"C" Dim. (Inches)
1/3	3450	56C	114310	25	115/208-230	None	2.6	10.69
	1725	56C	114311	27	115/208-230	None	3.2	10.69
1/2	3450	56C	114312	25	115/208-230	None	3.6	10.69
	1725	56C	114313	29	115/208-230	None	4.4	11.19
3/4	3450	56C	114314	31	115/208-230	None	5.0	11.69
	1725	56C	114315	31	115/208-230	None	5.4	11.69
1	3450	56C	114316	29	115/208-230	None	6.0	12.19
	1725	56C	114317	34	115/208-230	None	6.4	12.19
1½	3450	56C	114318	36	115/208-230	None	8.5	12.69
	1725	56C	114319	43	115/208-230	None	9.5	13.69

THREE PHASE • TENV and TEFC C FACE LESS BASE

HP	RPM 60 Hz	NEMA Frame	Catalog Number	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
1/4	1725	56C	113649●	19	208-230/460	1.1	68.0	9.56
1/3	1725	56C	113954●	19	208-230/460	1.3	72.0	9.56
1/2	1725	56C	113473●	22	208-230/460	1.8	78.5	10.06
3/4	3450	56C	113022●	23	208-230/460	2.4	75.5	10.06
	1725	56C	113019●	28	208-230/460	2.5	80.0	10.56
1	3450	56C	113023●	35	208-230/460	2.6	78.5	11.56
	1725	56C	113020●	32	208-230/460	3.2	80.0	11.56
	1725	143TC	120760●	35	208-230/460	3.2	80.0	11.75
1½	3450	56C	113024●	42	208-230/460	3.8	80.0	12.56
	1725	56C	113021●	44	208-230/460	4.2	84.0	13.06
	1725	145TC	120761●	47	208-230/460	4.2	84.0	13.25
2	3450	56C	113593●	47	208-230/460	5.0	82.5	13.06
	3450	145TC	121040●	45	208-230/460	5.0	82.5	13.25
	1725	56C	114616	48	208-230/460	6.2	81.5	12.69
1725	145TC	120762	39	208-230/460	6.2	81.5	12.75	
3	3450	56C	115976	39	208-230/460	8.0	80.0	10.81
	3450	145TC	120987	39	208-230/460	8.0	80.0	13.25
5	1740	182TC	131596	61	230/460	9.0	82.5	14.47
	3450	184TC	131595	72	208-230/460	12.4	85.5	14.47
1740	184TC	131597	43	230/460	13.2	82.5	14.47	
7½	3450	S213TC	131594	85	208-230/460	18.4	86.5	15.47
	1750	213TC	140467†	139	208-230/460	20.4	89.5	17.71
10	1750	215TC	140465†	180	208-230/460	26.0	89.5	18.71